NM OIL CONSERVATION

ARTESIA DISTRICT

Office Submit I Copy To Appropriate District	State of New Mexico J	UN 1 2 2017 Form C-103
District 1 - (575) 393-6161	Energy, Minerals and Natural Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283	,	WELL API NO.
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
<u>District III</u> - (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.	STATE FEE
<u>District IV</u> - (505) 476-3460	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		
	TICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
	POSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	C STATE 16
DIFFERENT RESERVOIR, USE "APP PROPOSALS.)	LICATION FOR PERMIT" (FORM C-101) FOR SUCH	
1. Type of Well: Oil Well	Gas Well 🕢 Other	8. Well Number 3H
2. Name of Operator RKI Explor	ration & Production, LLC	9. OGRID Number ₂₄₆₂₈₉
3. Address of Operator 3500 Or	ne Williams Center, MD 35, Tulsa, OK 74172	10. Pool name or Wildcat
4. Well Location		PURPLE SAGE; WOLFCAMP (GAS)
Unit Letter P	:841 feet from the S line and	150 feet from the E line
Section 16		NMPM County Eddy
	11. Elevation (Show whether DR, RKB, RT, GR	
225	3136	The state of the s
10 (1) 1		t B . Ol B.
12. Check	Appropriate Box to Indicate Nature of Not	tice, Report or Other Data
NOTICE OF I	INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	· · · · · · · · · · · · · · · · · · ·	WORK ☐ ALTERING CASING ☐
		E DRILLING OPNS. P AND A
	☐ MULTIPLE COMPL ☐ CASING/CEI	
	COMMEN	NCE COMPLETION OPS
CLOSED-LOOP SYSTEM [OTHER:	☐ OTHER:	П
	mpleted operations. (Clearly state all pertinent detail	s, and give pertinent dates, including estimated date
of starting any proposed	work). SEE RULE 19.15.7.14 NMAC. For Multiple	
proposed completion or r	•	
PLEASE BE ADVISED THE	E WELL SPUD, SET SURFACE CASING & 1ST INTERMED	DIATE CASING
06/02/2017: Spud		
06/02/2017: finished Surface bbls cement to surface.	e Casing: 13.375" 54.5# J-55, STC: 0' – 470' Lead: 470 sks	s @ 14.8 ppg. Bump plug @ 700 psi, floats held, circ 53
06/03/2017: Test 13.375" ca	asing to 1,500 psi F/30 min.(Two failed test's-Manual IBOP	& Inside Gray Valves Changed out & retested.)
Accumulator Function test F	Performed. R/D test EQU. ermediate Casing; 9.625" 40# J55-LTC: 0' – 2115' Lead; 29	in eke @ 12 9 ppg Tail: 200 eke @ 14 8 ppg Rump plug
@ 650 psi, floats held, circ	15 bbls cement to surface.	
06/05/2017: Fill pipe, break	circulation, shut in & pressure test 9 5/8" casing to 1,500 ps	si for 30 min, chart on totco, good test
The binded Post Job Repor	t is attached	
passassassassassassassassassassassassass		
Spud Date: 06/02/2017	Rig Release Date:	
Spira Date.	Tog Northead Date.	
I hereby certify that the information	on above is true and complete to the best of my know	vledge and belief.
	e //	0011010017
SIGNATURE MOTEUR	TITLE Permitting Tech II	DATE
Crystal Fulton	crystal.fulto	n@wpxenergy.com PHONE: 539-573-0218
Type or print name For State Use Only	E-mail address:	PHONE: 539-573-0218
APPROVED BY:	ale TITLE STAFF ME	- DATE 6-13-17
Conditions of Approval (if any):		

ARTESIA DISTRICT

JUN 09 2017



ENERGY SERVICES

DESIGN - EXECUTE - EVALUATE - REPORT

SURFACE

WPX ENERTY C STATE 16 3H **EDDY, NEW MEXICO**

PRIMARY PUMP: SECONDARY PUMP: 2002

PREPARED BY: TRAVIS KELSEY

SERVICE SUPERVISOR ARTESIA DISTRICT 1-575-748-8610

6/1/2017



ENERGY SERVICES LLC

	MAN COLOR		DIRECTIO	NS	40.0	
RIG NAME: H & P 50	9	COMPANY	REP:	DYLAN GOUDIE	PHONE#:	870 319 8089
COUNTY: EDDY			STATE:	NEW MEXICO		
SECTION: 16		TOWNSHIP);	235	RANGE:	27E
API NUMBER:			AFE NUM	1BER:		
WELL NUMBER:	#3H		TICKET N	UMBER: 6418		
LEASE NAME:	C STATE 16		OPERATO	OR NAME:		
COMPANY NAME:	WPX ENERTY		DATE:	6/1/2017		

US285 SOUTH just past Walmart in Carlsbad turn LEFT onto CR748 Old Caverns HWY and continue SOUTH to rig signs on the LEFT.

NOTES

13 3/8 HEAD ETC 200# SUGAR TAKE A 9 5/8 SWEDGE FOR NEXT STRING 110# IF424 13 3/8 LOW PRESSURE HEAD

HSE

WEAR PROPER PPE

JOB PROCEDURE

RIG UP & TEST LINES 20 BBLS GEL SPACER

470 SACKS CEMENT

WASH UP

DROP PLUG

DISPLACE CEMENT

BUMP PLUG



EVERGY SERVICES LLC WELL/CASING DATA

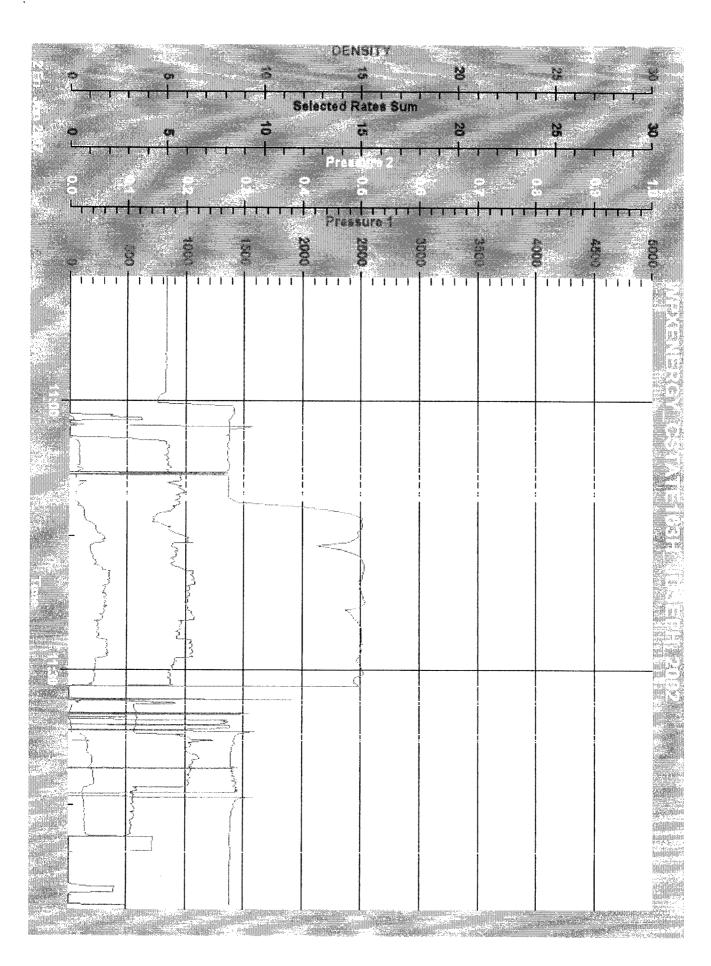
		40.00	****	TACADIIAA	UNIN			
JOB TYPE: SURFACE				HOLE SIZE		17 1/2		
TVD:	470			PREVIOUS	CASING SIZ	E:		
PREVIOUS CASING LB/	FT:	······································		PREVIOUS	CASING DE	PTH:		
CASING SIZE:	13 3/8							
CASING LB/FT:	54.5			CASING GI	RADE:	J55		
FLOAT COLLAR DEPTH	:386.01			SHOE JOIN	T LENGTH:	45.1		
DV TOOL DEPTH:				SECOND D	V TOOL DE	PTH:		
TOTAL DEPTH:	450			TOTAL CAS	SING :	461.11		
			Ţ	JBULAR DA	TA	1960-1	200	. 322
TBG/D.P. SIZE:				TBG/D.P. (DEPTH:			
TBG/D.P. LB/FT:				TOOL DEP	TH:			
PACKER OR RETAINER	*			PERF/HOL	E DEPTH:			
3.000 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		100 mg	SURF	ACE EQUIP	MENT			
CEMENT HEAD SIZE:		13.375 E	тс	QUICK CO	NNECT SIZE			
DRILL PIN SIZE/TYPE:				THREAD:		8rd		
TUBING SWEDGE SIZE				TAKE 2 -2	INCH REGU	LAR TUBING	SWEDGES	
			CHE	MICALS NE	EDED			
				EQUIPMEN	T			
SUPERVISOR:	Travis Kels	еу		FIELD REP	RESENTATI	√E:		
PUMP OPERATOR:	Joseph Cas	itillas		UNIT NUN	IBER:	1025/200	2	
E/0:	Pablo Alta	mirano		UNIT NUM	IBER:	1020/200	5	
E/O:	•			UNIT NUM		1005/204	······································	
E/O:				UNIT NUM		12003/204	,	·
70:			······································		10011.			
E/O:				UNIT NUN	IBER:			
				FLUID DAT	4			
1ST SLURRY:	C+2% CALCIL	IM CHLORIC	E					
DENSITY: 14.8	YIELD:	1.34	MIX H2O:	6.3	SACKS:		470	
2ND SLURRY:							***************************************	
DENSITY:	YIELD:	T	MIX H2O:		SACKS:	1		
3RD SLURRY:							**************************************	
DENSITY:	YIELD:		MIX H2O:	Ĭ	SACKS:	T		
4TH SLURRY:		<u></u>		1	1			
DENSITY:	YIELD:	T	MIX H2O:		SACKS:			
5TH SLURRY		<u></u>	1	1	12, 12,13,			
DENSITY:	YIELD:	1	MIX H2O:		SACKS:			
				AENT VOLL	<u> </u>	165	MUD WEIGHT:	833

JOB LOG



IFRTY DATE: 6/1/2017

COMPANY N	AME:	WPX EN	RTY		DATE: 6/1/2017
LEASE NAME	;	C STATE	16		TICKET NUMBER: 6418
WELL NUMB	ER:	#3H			JOB TYPE: SURFACE
SCHEDULED	LOCATIO	ON TIME		11:00	
TIME ARRIVE	D ON LO	CATION	,,,,,	22:30	TIME LEFT LOCATION 12:00
TIME	PRES TBG OR D.P	SURE CASING	VOLUME	RATE	LOG DETAILS
					PRE-CONVOY MEETING
					DEPARTURE FROM YARD
					ARRIVE LOCATION
				***************************************	HAZZARD ASSESMENT
					PRE-RIG UP MEETING
10:30					SAFETY MEETING
11:04		1500	2	2	TEST LINES
11:07		80	20	5	FRESH WATER
11:10		70	20	5	GEL/DYE
11:14		300	111	6	SCEMENT @ 14.8#
11:32					SHUTDOWN/DROP PLUG/WASH ON TOP
11:34		221	65	6	DISPLACE
11:45		121	55	3	SLOW RATE
11:48		731	65	3	BUMP PLUG
11:53					CHECK FLOATS/ 1/2BBL BACK
					CIRCULATED 53BBL OR 222SKS TO THE PIT
	-				
			·····		
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	L	Ll			





Par Five Energy Services, LLC

ART17-7181-01P

ENERGY SERVICES LLC

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy MD: 450 Report Date: May 23 2017 Well Name: C State 16 #3H TVD: 450 Stage: Lead

County: Eddy BHST: 84 State: NM String: Surface Rig: H&P 509 BHCT: 81 Blend Type: Pilot Blend

Salesman: Chris DeLeon Reported By: Rodriguez, Sonny

Slurry Information

Density: 14.80 ppg Yield: 1.34 cuft/sk Mix Fluid: 6.307 gal/sk

Slurry Composition

Cement Blend: Class C

4.0

Additive Conc Design Description Lot Number PF-001

2.00% % **BWOB** Calcium Chloride 364AD1732

		Rheol	ogy (Ave	rage Re	idings)	- 1	e de la companya de	
Temp	3	6	100	200	300	PV	ΥP	

Thickening Time POD 30 Bc 50 Bc 70 Bc 100 Bc Batch Time Temp 81 °F 1:11 1:29 2:17 2:47 0

Thickening Time does not include batch time.

81 °F 19.5 33.5 68.5 77 29.25 47.75

Free Fluid Temp Incl. ml Collected Start Time Stop Time 81 °F 2:19 0 0 ml/250 1:59

		UCA Com	oressive S	itrength .	100	
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
84	2:13	5:09	1352	2211		

Comments



ENERGY SERVICES LLC

DESIGN - EXECUTE - EVALUATE - REPORT

9 5/8 INTERMEDIATE

WPX ENERGY C STATE 16 #3H EDDY COUNTY NEW MEXICO

PRIMARY PUMP:

UNIT 2032

SECONDARY PUMP:

PREPARED BY: ANDREW WHITE

SERVICE SUPERVISOR
ARTESIA DISTRICT
1-575-748-8610

6/4/2017



ENERGY SERVICES LLC

COMPANY NAME:	WPX ENERGY		DATE:	6/4/2017		
LEASE NAME:	C STATE 16		OPERATO	R NAME: WPX	ENERGY	
WELL NUMBER:	#3H		TICKET N	UMBER: 5820		
API NUMBER:	30 015 44136		AFE NUM	IBER:		
SECTION: 16		TOWNSHIP):	235	RANGE:	27 E
COUNTY: EDDY			STATE:	NEW MEXICO		
RIG NAME: H&P 509		COMPANY	REP:	DYLAN GOUDIE	PHONE#:	970 319 8089
12.5			DIRECTIO	NS		30 m

US285 SOUTH just past Walmart in Carlsbad turn LEFT onto CR748 Old Caverns HWY and continue SOUTH to rig signs on the LEFT.

NOTES

9 5/8 ETC

LOW PRESSURE CEMENT PLUG CONTAINER

200# SUGAR

110# PF424

TAKE 7" SWEDGE FOR NEXT STRING

HSE

WEAR THE PROPER PPE

JOB PROCEDURE

RIG UP & TEST LINES

PUMP 20 BBL GEL SPACER

290 SACKS LEAD CEMENT

200 SACKS TAIL CEMENT

WASH UP & DROP PLUG

DISPLACE CEMENT

BUMP PLUG



ENERGY SERVICES LLC

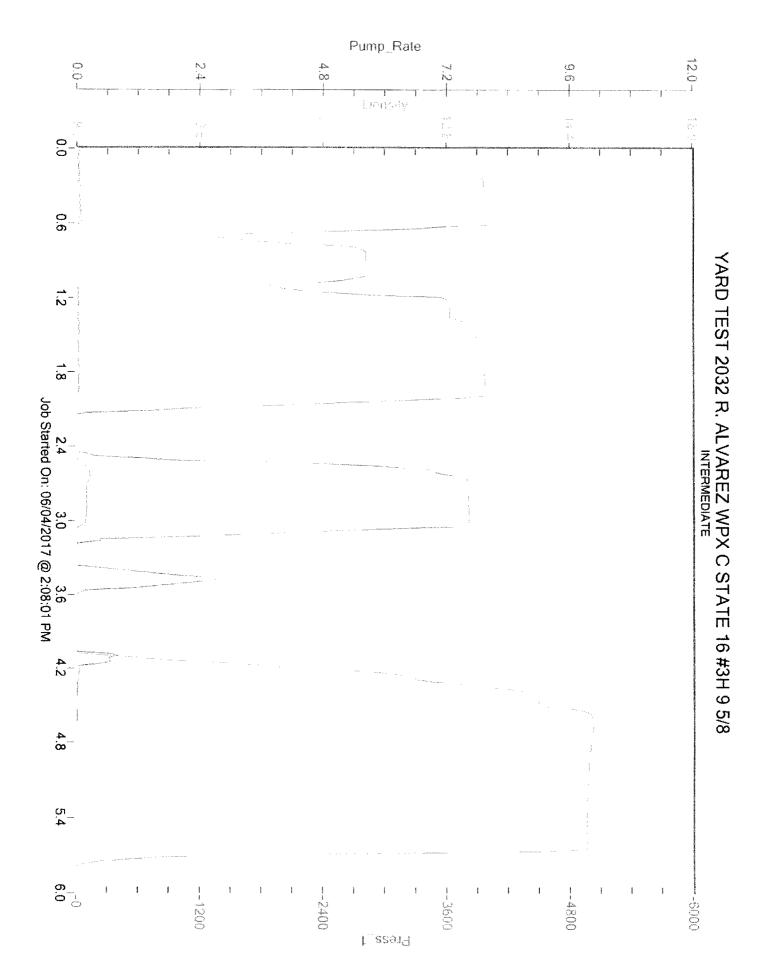
		1977 T	WEI	L/CASING	DATA			
JOB TYPE: 9 5/8 INT	rermediate			HOLE SIZE		12 1/4		
TVD:	2115			PREVIOUS	CASING SIZI	E:	13 3/8	
PREVIOUS CASING L	B/FT:	54.5		PREVIOUS	CASING DEF	PTH:	462	
CASING SIZE:	9 5/8							
CASING LB/FT:	40			CASING G	RADE:	J 5 5		
FLOAT COLLAR DEPT	H: 2055			SHOE JOIN	NT LENGTH:	45.93	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
DV TOOL DEPTH:				SECOND D	OV TOOL DEP	TH:		
TOTAL DEPTH:	2115			TOTAL CA	SING :	2105	-	
4444			T	UBULAR DA	ATA			Carrier Control
TBG/D.P. SIZE:				TBG/D.P.	DEPTH:			
TBG/D.P. LB/FT:				TOOL DEP	TH:			
PACKER OR RETAINE	R:			PERF/HOL	E DEPTH:			
2-2-3		22.2	SURI	ACE EQUI	MENT			
CEMENT HEAD SIZE	ž:	9 5/8		QUICK CO	NNECT SIZE:			
DRILL PIN SIZE/TYPE	:			THREAD:		8rd		
TUBING SWEDGE SIZ				TAKE 2 -2	INCH REGUL	AR TUBING	SWEDGES	
			CHE	MICALS N	EDED			
		A.		EQUIPMEN				en Kuran
SUPERVISOR:	Ivan Garcia	1		FIELD REP	RESENTATIV	Έ:		
PUMP OPERATOR:	Rogelio Alv	arez .		UNIT NUN	ИBER:	1009-2032	2	
E/0:	Andrew W	hite		UNIT NUN	enen.	3051		
	1				ABEK:	4		
E/0:	Jose Velaso	quez		UNIT NUN		1011-2030)	
E/O: E/O:	Jose Velaso	quez		UNIT NUN	ИBER:			
	Jose Velaso	quez		ļ	ИBER: ИBER:	1011-2030		
E/O:	Jose Velaso	quez	192- 4 - A	UNIT NUN	ИВЕR: ИВЕR: ИВЕR:	1011-2030		
E/O: E/O: 1ST SLURRY:	10 mg to 22 to 15 to 25 to 15 to			UNIT NUN UNIT NUN FLUID DAT	MBER: MBER: MBER:	1011-2030		
E/O: E/O:	Jose Velaso	1.92	MIX H2O:	UNIT NUN UNIT NUN FLUID DAT	ИВЕR: ИВЕR: ИВЕR:	1011-2030		
E/O: E/O: 1ST SLURRY:	10 mg to 22 to 15 to 25 to 15 to			UNIT NUN UNIT NUN FLUID DAT	MBER: MBER: MBER:	1011-2030	07-2026	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9	YIELD:			UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER:	1011-2030	07-2026	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9 2ND SLURRY:	YIELD:	1.92	MIX H2O:	UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER: A SACKS:	1011-2030	290	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9 2ND SLURRY: DENSITY: 14.8	YIELD:	1.92	MIX H2O:	UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER: A SACKS:	1011-2030	290	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9 2ND SLURRY: DENSITY: 14.8 3RD SLURRY:	YIELD:	1.92	MIX H2O:	UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER: A SACKS:	1011-2030	290	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY:	YIELD:	1.92	MIX H2O:	UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER: A SACKS:	1011-2030	290	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY: 4TH SLURRY:	YIELD: YIELD: YIELD:	1.92	MIX H2O: MIX H2O: MIX H2O:	UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER: A SACKS: SACKS:	1011-2030	290	
E/O: E/O: 1ST SLURRY: DENSITY: 12.9 2ND SLURRY: DENSITY: 14.8 3RD SLURRY: DENSITY: 4TH SLURRY: DENSITY: DENSITY:	YIELD: YIELD: YIELD:	1.92	MIX H2O: MIX H2O: MIX H2O:	UNIT NUM UNIT NUM FLUID DAT 9.956	MBER: MBER: MBER: A SACKS: SACKS:	1011-2030	290	

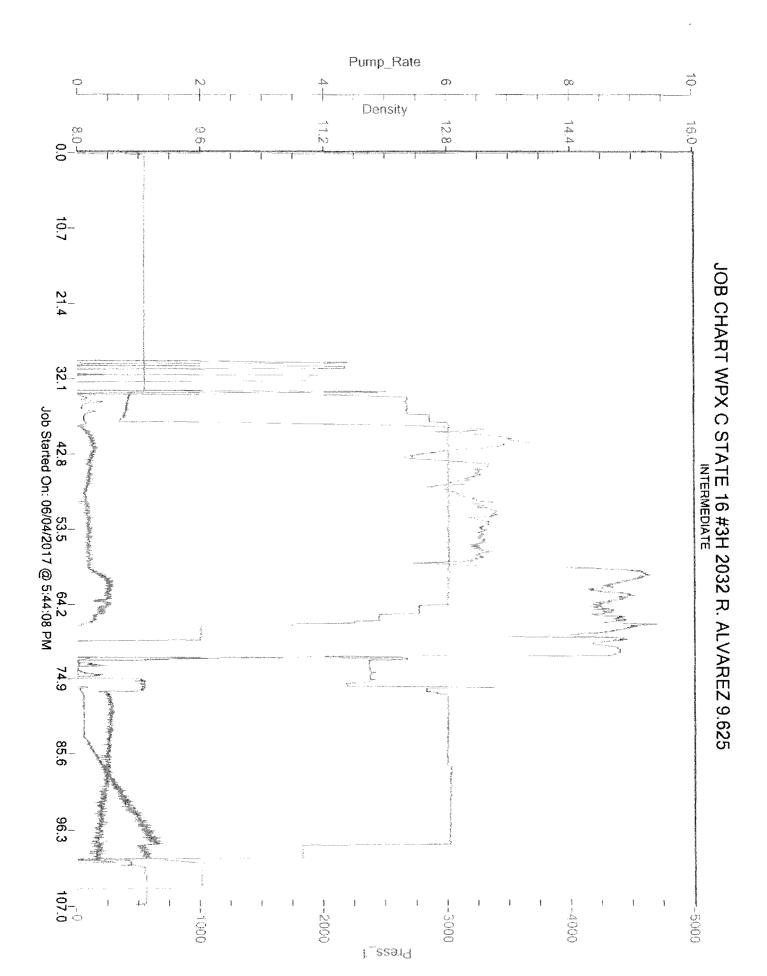
JOB LOG



DATE: 6/4/2017

	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			SERVICES LLC
COMPANY NAME:	WPX EN	ERGY		DATE: 6/4/2017
LEASE NAME:	C STATE	16		TICKET NUMBER: 5820
WELL NUMBER:	#3H			JOB TYPE: 9 5/8 INTERMEDIATE
SCHEDULED LOCAT	ION TIME		1700	
TIME ARRIVED ON	LOCATION	1645		TIME LEFT LOCATION 2100
TIME PRI	ESSURE	VOLUME	RATE	LOG DETAILS
TBG OR	CASING			
1500				PRE-CONVOY MEETING
1540				DEPARTURE FROM YARD
1645				ARRIVE LOCATION
1650				HAZZARD ASSESMENT
1655			<del>\</del>	PRE-RIG UP MEETING
1700				RIG UP
1800				RIG UP COMPLETE
1630				RIG FINISHED RUNING CASING
1800				STAB CEMENT HEAD
1805				PRE-JOB SAFETY MEETING
1815	120	3	3.7	PRIME LINES
1817	1950	0.5	0.5	PRESSURE TEST
1820	250	20	5	
1825	150	99	6	PUMP LEAD CEMENT
1840	350	47	6	PUMP TAIL CEMENT
1855	350	77/		SHUT DOWN
1855				DROP TOP PLUG
1857	680	156	6	PUMP DISPLACEMENT
1920	650	146	3.6	SLOW RATE
1925	1070	156	3.6	BUMP PLUG
1925	10/0	100	3.0	HOLD FOR 5 MINUTES
1930			**************************************	CHECK FLOATS
1930				BLED BACK 1 BBL
				CIRCULATED 15 BBLS/ 44 SKS CEMENT TO SURFACE
1945				PRE-RIG DOWN SAFETY MEETING
1950	<del>                                     </del>			RIG DOWN
2030	+			RIG DOWN  RIG DOWN COMPLETE
2030				PRE-CONVOY MEETING
2100				DEPARTURE FROM LOCATION
2100				DEFANTURE FROM LOCATION
				THANK YOU FOR USING PAR-FIVE ENERGY SERVICES







#### Par Five Energy Services, LLC

ART17-7182-01P

**ENERGY SERVICES LLC** 

11279 Lovington Hwy Artesia , NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy MD: 2027 Report Date: May 30 2017 Well Name: C State 16 #3H TVD: 2027 Stage: Lead County: Eddy State: NM BHST: 96 String: Intermediate Rig: H&P 509 BHCT: 86 Blend Type: Pilot Blend Salesman: Chris DeLeon Reported By: Rodriguez, Sonny

#### Slurry Information

Density: 12.90 ppg Yield: 1.92 cuft/sk Mix Fluid: 9.955 gal/sk

#### Slurry Composition

,	Cement Blend:	35/6	55PozC			
	Additive	Conc		Design	Description	Lot Number
	PF-044	5.000	%	BWOW	Salt	G3CB09
	PF-020	6.00%	%	BWOB	Bentonite Gel	Bulk
	PF-079	0.50%	%	BWOB	chemical Extender / Suspension Aid	44230101
	PF-042	3.000	lb/sk	BWOB	KOLSEAL	BulK
	PF-045	0.400	lb/sk	BWOB	Defoamer	201304AC

PF-029 0.125 lb/sk BWOB Cellophane

Blandam (A. casa B

		Viidoi	ABAWAA:	rafe ver	(diriks)		
Temp	3	6	100	200	300	PV	ΥP
80 °F	21.5	34.5	47.5	50.5	54	9.75	44.25
86 °F	25.5	48.5	107.5	114.5	121	20.25	100.75

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Tir
86 °F	2:00	2:48	3:33	3:49		0

	144.6	Free Fluid		107
Temp	Incl.	ml Collected	Start Time	Stop Time
86 °F	0	0 ml/250	2:25	4:25

30.00		UCA Com	pressive S	Strength		
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
96	4:16	13:51	444	663		

#### Comments -



#### Par Five Energy Services, LLC

ART17-7182-02P

**ENERGY SERVICES LLC** 

11279 Lovington Hwy Artesia, NM

Phone(575)748-8610 Fax: (575) 748-8625

Customer: WPX Energy

MD: 2027

Report Date:

May 30 2017

Well Name: C State 16 #3H

TVD: 2027

Stage:

Tail

County: Eddy

State: NM

BHST: 96

String:

Intermediate

Rig: H&P 509

**BHCT: 86** 

Blend Type:

**Pilot Blend** 

Salesman: Chris DeLeon

Reported By: Rodriguez, Sonny

#### Slurry Information

Density: 14.80 ppg

Yield: 1.32 cuft/sk

Mix Fluid: 6.311 gal/sk

#### Slurry Composition

Cement Blend:

Additive

No Adds

Class C Conc

Design

**BWOB** 

Description

Lot Number

POD

1:45

100		Rheolo	ogy (Ave	rage Rea	idings)		
Temp	3	6	100	200	300	PV	ΥP
80 °F	12 5	18.5	37.5	46.5	53	23.25	29.75

86 °F

9.5 15.5

36.5

46.5

53 24.75 28.25

Temp 86 °F

30 Bc

50 Bc 70 Bc 100 Bc Batch Time

Thickening Time does not include batch time.

Thickening Time

Free Fluid							
Temp	Incl.	ml Collected	Start Time	Stop Time			
86 °F	0	0 ml/250	6:14	5:34			

8.2.2	344	UCA Com	pressive:	Strength	in the second	. 7
Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
96	3:02	5:41	1828	2733		

Comments